

## REGINS-RFO in the heart of its implementation

Dear Ladies and Gentleman,

European projects and interregional cooperation among our partners Stuttgart, Lombardy and West-Pannon is one of many themes within our 5th Newsletter. Especially the cooperation among institutes, companies, cities and regions should be the focus of our future interests to learn more about each other and from each other.

Upper Austria has the aim to be a big player with a strong position in the European competition. Yes, this is an ambitious target and because of this, it is necessary that all involved partners play together. Our partner regions also have this opinion. The basic requirement for a big player is: the best information at the best time. To acquire efficacy on this territory also in the future, our partnerships must develop further and have to include a wide participation of the institutional and socio-economic entities concerned. This gives us the possibility to know the European structural funds on time. Inside our newsletter you will find actual information about the future of INTERREG.

Our regions continue to require as much as possible benefits from European funds, therefore it is of great importance to have an active coordination of possibilities among our regions. National and regional development strategies are conceived in our regions and are concretised by regional institutes. This is one of the important premises for a systematic and efficient use of European funds. Our articles will inform you and I hope they will give you an input for further discussion on all themes.

Furthermore the evaluation of REGINS is in progress. REGINS would like to learn more about your impressions on inter-regional sub-projects in general, on the preparation and implementation phase as well as the results of your sub-projects. The REGINS management use the feedback from all sub-projects within the participating partner regions Upper Austria, Baden-Württemberg, Lombardy and West-Pannon. The final study examines issues related to the management of a sub-project within a Regional Framework Operation such as REGINS. The aim is to identify best practices, in relation to the projects' thematic focus as well as with the regard to practical implementation issues. Once again, I kindly ask for a strong support for this evaluation tool. This is very useful for the REGINS management as well as for common future activities in our regions. The results will be published in December 2006 on our website [www.regins.org](http://www.regins.org), or ask your regional contact persons.

In general, we are interested to inform you impartial as much as possible about our themes to force a public discussion in a positive way.

I hope you enjoy reading and we are thankful for helpful suggestions!

Yours sincerely,



Andreas Hubinger  
REGINS Coordinator



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## About INTERREG IIIC

The INTERREG IIIC programme is one of the three strands of the European Community Initiative INTERREG III.

INTERREG III is designed to strengthen economic and social cohesion in the European Union (EU) by promoting cross-border (strand A), trans-national (strand B) and interregional (strand C) co-operation.

With INTERREG IIIC, interregional co-operation between regional and other public authorities across the entire EU territory and neighbouring countries will be promoted. It allows regions without joint borders to work together in common projects and develop networks of co-operation.

The co-operations under INTERREG IIIC shall give access to experiences of other actors involved in regional development policy and create synergies between "best practice" projects and the Structural Fund's mainstream programmes.

The overall aim is to improve the effectiveness of regional development policies and instruments through large-scale information exchange and sharing of experience (networks) in a structured way.

The INTERREG IIIC programme will be financed by the European Regional Development Fund (ERDF), as part of the Structural Funds, and co-financed by national project partners. The application period is 2002-2006. All activities have to be finalised by end of 2008.

## About REGINS

REGINS (REGional standardised Interfaces for a better integration of regional SMEs in the European Economy) is an INTERREG IIIC Regional Framework Operation (RFO) that aims to analyse, compare and improve regional thematic cluster management initiatives, as well as to support smaller interregional cooperation projects within the thematic priorities automotive, biotechnology and logistics.

The main cooperation partners are the Upper Austrian Technology and Marketing Company (TMG; Automotive-Cluster; Health-Cluster), the Stuttgart Region Economic Development Corporation (WRS), the Government of Lombardy Region (LR with support of CESTEC) and the West-Pannon Regional Development Agency (WPRDA with support of Pannon Automotive Cluster).

Within this framework, common interregional Sub-Projects are an important tool to initiate closer cooperation between public and public equivalent bodies coming from these partner regions. With the help of three calls for inter-regional Sub-Project proposals, the available ERDF- funding is granted to approved inter-regional sub-projects in the thematic priorities automotive, logistics and biotechnology.

Approved as a Regional Framework Operation (RFO), ERDF-funding is provided for both the analysis and benchmarking part of the project as well as the interregional Sub-Projects.

Within the REGINS framework, the four regional economic development institutions are entitled to approve interregional Sub-Projects and decide about their possible ERDF funding.

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## The 4 REGINS Partner Regions

### Upper Austria – Austria



<http://www.clusterland.at>  
<http://www.automobil-cluster.at>  
<http://www.gesundheits-cluster.at>

### Stuttgart Region – Germany



Wirtschaftsförderung  
Region Stuttgart

<http://www.region-stuttgart.de>  
<http://wrs.region-stuttgart.de>

### Lombardy Region - Italy



<http://www.regione.lombardia.it>  
<http://www.cestec.it>

### West Pannonia - Hungary



<http://www.westpa.hu>  
<http://www.panac.hu>

For further details please "klick on" our Homepage!

## Future perspective of European cooperation – Lombardy Region

The primary and most important added value of “REGINS” and other projects of European cooperation of the General Office of Industry consists in the partnerships established in the expanded EU and extended to the Balkans nations and the countries of North Africa on the Mediterranean coast. The regional government programmes cite these regions as priority reference areas. At the same time, this cooperation has formed the bases necessary for reciprocal understanding as well as professional skills essential for interaction (starting with the English language which is not widespread enough), employing largely young researchers and project managers. By means of the European cooperation projects, these young people have had the opportunity to access and earn a standing in, among other places, specialized agencies, delegated by the public administration with technical and operating responsibilities to support implementation of the projects. In Lombardy, the key Regional authorities are: for “REGINS” in particular CESTEC, for the other projects also FINLOMBARDA, IREALP and IRER. The structure responsible for orientation and coordination of the design activity of the Industry Directorate General has helped to create a community of skills and action, which is worthy of our recognition.

In preparation and in implementation of the new Objective 3 of the Structural Funds "European Territorial Cooperation", but also other programmes and European funds, in which it is possible to directly involve enterprise, the partnership must be developed and include the widest participation of the institutional and socio-economic entities concerned on the territory. The programmes with the broadest funding are the VII Framework Agreement for Research and Innovation, the new Framework Agreement for Competitiveness and Innovation (which is addressed especially to SMEs), and the Learning Programme for professional instruction and training.

Through a partnership agreement with the business associations and the chambers of commerce of Lombardy, the new trends in European cooperation planning will be based on constant communication and interaction with the world of enterprise on a territorial and sectorial level, in order to embrace and support their proposals and initiatives, according to the principle of subsidiarity. The partnership also represents a way to enhance the potential of public and private technical and financial competency centres at the service of enterprise, as well as raise the role of foreign enterprise in Lombardy and Lombard enterprise abroad. The relationships with international delegations in Milan, the Lombardy-Point abroad, the Lombardy House in Brussels, the Economic and Social Committee and the European Committee of the Regions can all contribute to creating a favourable institutional context.

The “REGINS” model represents a stimulus and concrete orientation for timely preparation of new planning projects that can embrace the many opportunities offered by the European Cooperation as a transversal and incorporating instrument of the range of regional, national and European Community programmes and funds, allocated to improve innovation and competitiveness of industry. Thus, the "Lombard System" can become an active part of the "European System," under the banner of the objective guide "cohesion for competitiveness" of the Lisbon Strategy, acknowledged in the Regional governance programmes.

Paolo Baccolo

Director General of Industry, SME and Cooperatives in Lombardy Region - Milan, July 2006

## Development of the Italian Technology Platform for Sustainable Chemistry



Industrial Biotechnology (IB), also known as white biotechnology, following health care (red biotech) and agricultural (green biotech) applications, is promising to reshape the manufacturing industry.

It is infiltrating a wide range of industries – chemicals, automobile, plastics, consumer products, textiles, paper, pharmaceuticals – and it is introducing changes to all phases of production, from inputs to finished goods, from pollution control to packaging.

It uses renewable raw materials as starting product and micro-organisms (genetically modified or not) and their enzymes to make useful chemical compounds and biomaterials. While its application in the production of fine chemicals and pharmaceuticals is already well established (e.g. insulin, interferons, erythropoietin, hepatitis B vaccine, vitamin B12, etc..), it is now increasingly being applied to produce bulk chemicals such as biofuels (e.g. ethanol) and bio-plastics. Other fields of application include food additives and supplements, colorants, vitamins, nutraceuticals, cosmeceuticals, pesticides, solvents, enzymes, bio-energy, etc. ....

At the European level 7 R&D strategic areas have been identified for an effective future implementation of white biotech.

These areas should be integrated and applied properly to generate three different product categories: feedstocks for processes (biomasses, wastes); (new) bioprocesses and bioproducts; biofuels.

At the Italian level the focus is similar. The main Italian IB R&D excellences are in the areas of a) enzymatic and microbiological tools and technologies for the production of new fine chemicals, vitamins, proteins and organic acids from conventional media and agroindustrial

byproducts, b) recovery and characterization of biomolecules (antioxidants, vitamins, etc) from agroindustry and food-industry byproducts, wastes and wastewaters and the biotransformation remaining components into flavours, biopolymers, biosurfactants, enzymes, and biofuels.

A survey performed by Assobiotec-Blossom Associati (“Biotechnology in Italy, Strategic and Financial Analysis, 2006”; “www.blossomassociati.com”) identified 163 Italian companies operating in the sector of biotechnology but only 22% of the them are involved in industrial biotech productions.

To facilitate and promote the development of IB in Italy, an Italian Technology Platform for Sustainable Chemistry (“IT Suschem”) has been promoted by the University of Bologna under strict operation with Federchimica and Assobiotec (the Italian Federations of Chemical Industries and Biotech industries, respectively), CNR, ENEA, Italian Chemistry Society, several interuniversity consortia, the Biocatalysis and Bioseparation Association, etc. with the mission of “creating a rational strategic alliance between companies, research and educational institutions, stakeholders and society to provide solutions to social needs (including education), to boost innovation and competitiveness, and to improve public-private partnership in the Italian sectors of chemistry, chemical engineering and biotechnology”.

The platform will work toward the integration of the national and regional interests and specificities into the European effort for innovation in the area of Sustainable Chemistry, leveraging the existing competencies and developing strategic new ones (like bio ethanol production).

## INTERREG IIIC - Good Practice Survey

After 4 years of implementing INTERREG IIIC and in view of the planned continuation of interregional cooperation in the next programming period (2007-2013), it is time to reflect on what has been achieved and learned, at programme-level and in the project partnerships at interregional and regional level. One of the possible angles to look at this is 'good practice'. Therefore, the INTERREG IIIC Joint Technical Secretariats in cooperation with Lead Partners of a sample of 30 INTERREG IIIC projects have engaged in an exercise to identify good practice approaches and related examples.

An INTERREG IIIC Good Practice Survey was published in October and is available from the programme website at [www.interreg3c.net](http://www.interreg3c.net). It lists more than 120 examples of good practices in project design and project management, and thus aims to give a first glimpse on good practices established and start a culture of integrating 'good practice' into future project development.

The report defines good practice as "any project outcome (e.g. new policy, service, method or instrument etc.), which was facilitated by the INTERREG IIIC Programme; with confirmed success (as demonstrated by result indicators); and, which has the potential to be transferred to a different

## Outlook "INTERREG IVC" – Inter-regional cooperation 2007 -2013

The new legal framework for "INTERREG IVC" as part of Objective 3 - European territorial cooperation covers the "Reinforcing of the effectiveness of regional policy by interregional cooperation focusing on innovation and the knowledge economy and risk prevention.

At this stage some of the key elements of the new programme are still under discussion within the Programming Committee.

*Planned changes of key elements:*

- **Programme objectives:** the bottom up approach of IIIC will be complemented with a top down approach including clear prioritisation of themes

Focus on Lisbon and Gothenburg strategy (with priority axes on „innovation and the knowledge economy“ and „environment and risk prevention“ and related sub-themes) , capitalisation INTERREG IIIC results as point of departure

- **Programme management:** Centralisation of structures

Only 1 programme with the related structures (1 MA, 1CA, 1AA, 1MC, 1 JTS) instead of 4 INTERREG IIIC programmes and structures; eventually supporting sub-structures or other intermediary bodies

- **Types of interventions and project generation:** Diversification Regional and local initiatives (comparable with present IIIC project generation): based on call for projects related to priorities Strategic interregional actions (thematic interregional networks and fast track actions) based on strategic project generation with strong involvement of MS and EC.

The report emphasizes that in view of the bottom-up character of the programme, with regional public institutions forming partnerships across Europe and addressing issues of joint interest relevant to their region's development, good practice is essentially dependent on the configurations within a given partnership and needs to be understood in each specific operation's working context, i.e. good practice in the context of the specific partners' experience and available budget resources (e.g. budget allocations for piloting specific approaches) as opposed to good practice at a wider sectoral level.

### Social Network Analysis of INTERREG IIIC operations

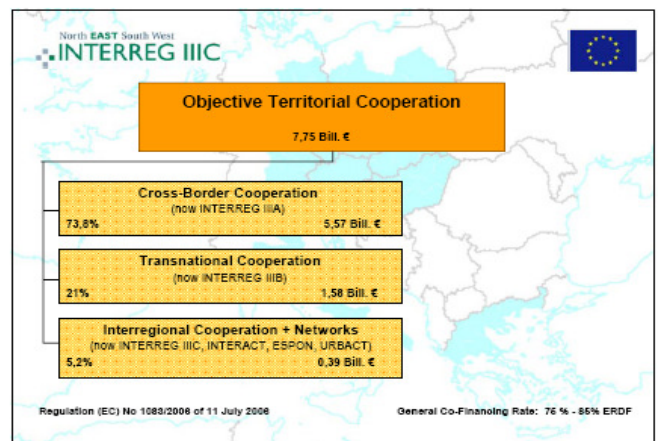
In cooperation with FAS research, one of the leading think tanks in the field of Social Network Analysis (SNA), INTERREG IIIC East analyzed the network patterns established through INTERREG IIIC across the European Union. Applying SNA to European regional cooperation is a new approach to analysing, documenting, and visualising the diverse universe of relationships formed in the framework of a European regional cooperation programme. It yields insights and visualizations about who cooperates with whom and in which intensity, who are the key players of Interregional Cooperation, which countries, regions, and institutions use Interreg IIIC most successfully to establish excellent networks and how each player can improve networking and the strategic choice of partners to get the most out of Interregional Cooperation.

- **Types of projects:** Streamlining based on INTERREG IIIC experiences

From the present 3 types of operations (ICP, NET, RFO) only NET are not questioned. ICP and RFO are challenged because of different reason (unclear profile of ICP's , complex structure with slow start up of RFO's)

- **Programme budget and ERDF co-financing:** Reduction and increase

The total ERDF budget will amount to 392 million Euro for all "network programmes" (INTERERACT, URBACT, ESPON and INTERREG IVC) instead of 330 million Euro for INTERREG IIIC, the ERDF co-financing rate increases to 75% (85%)





## MAAGYS PROJECT

### Hybseek online - Europe's first freely available webtool for molecular assay design!

The F&E Competence Centre of FH Hagenberg (Austria), the University Clinic of Heidelberg (Germany) and Anagnostics Bioanalysis GmbH (Austria) have developed a freely available webtool for the design of PCR (Polymerase Chain Reaction) primers and probes within the EU-Regins project MAAGYS. This webtool facilitates design of assays to diagnose harmful micro-organisms drastically. Under [www.anagnostics.com](http://www.anagnostics.com) (PRODUCTS, *hybseek*) access is free of charge for anybody.

It all started with a problem: Around 80% off all women in Europe will acquire an infection with human papilloma viruses (HPV) once in their lifetime. These infections might provoke cervical cancer from which around 20.000 women die annually (Europe).

An early diagnosis of HPV infections is the best way of preventing a latter cancer. Therefore fast and accurate screening methods improve preventive woman medicine enormously.

The objective of the EU-Regins project MAAGYS (Multi Analyte Assay for Gynaecological Smear diagnostic) project was the realisation of a design tool for such a screening. All potentially harmful micro-organisms and viruses of the vaginal milieu should be measured and analysed with help of molecular diagnostics. For such techniques biomarkers, for example PCR primers or probes, are necessary. Such biomarkers are nothing else than part-sequences of whole genomes of micro-organisms (as HPV). However, these part-sequences have to be absolutely unique compared to the sequences of all other viruses, micro-organisms and host genomes (e.g. human) that could occur in the sample.

Therefore, Gigabytes of sequence data has to be compared. Only a computerised approach can solve this Sisyphean task.

After some further developments the results of the common work are freely available in the form of the webtool *hybseek* (<http://www.anagnostics.com>, select 'PRODUCTS' & '*hybseek*').

The screenshot shows the 'hybseek' webtool interface. The main heading is 'Details for composition "Test", created by cressh'. The interface includes a sidebar with navigation links like 'Login/Register', 'My Account', 'New Composition', 'NCBI Entries', 'Manual Entries', 'Help / About', and 'Logout'. The main content area has input fields for 'Name of composition: Test', 'Melting temperature: 70', 'Max length of primer: 50', and 'Max primers per entry: 1000'. There are checkboxes for 'Check reverse complement' (checked) and 'Compute non-target identity'. Below this is a table of 'Composition entries' with columns for 'Compute', 'Accession', 'Entry', 'Group', and 'Candidates'. The table lists several Human papillomavirus type entries with their respective accession numbers and status (e.g., 'not computed'). At the bottom, there are buttons for 'Change composition' and 'Compute primers'.

## MIRPS PROJECT

### IROSE emanate from REGINS project MIRPS!

The IROSE infrared optical systems GmbH (in the following briefly IROSE) is an enterprise within the sector of "process analysis and control". It was founded by four partners in June 2006 in Linz. IROSE is a spin off enterprise of the non-university research establishment Upper Austrian Research GmbH.

The IROSE developed, assembled and sells equipment, with which the chemical composition of material mixtures or the portion of certain contents materials in continuous production processes can be determined in real time. The measurement principle is based on the spectral analysis of electromagnetic radiation in the near infrared. It is a so-called Fourier Transform near infrared spectrometer (FTNIR spectrometer) optimized for industrial applications.

Substantial goal customers are active in the chemical industry, the pharmaceutical industry, the oil-processing industry, the foodstuffs industry and the semiconductor industry.

Additionally all necessary services for the application of NIR - process spectroscopy are offered, as for example data analysis and interpretation and research services, so that a problem solution package for the users develops. Particularly IROSE aims at customers which do so far the analyses for technical or economic reasons off-line in the laboratory.

IROSE offers for these customers with an on-line solution the advantages of more rapid and more exact continuous process control.

From user view with it a more constant product quality and reduced rejection rates are connected and in further consequence higher product quality with smaller production costs. In the market IROSE meets few large competitors, who broadly cover process analytics with different methods and are usually internationally active. The special strength of IROSE is thereby in the rapid evaluation of the measured data, to the special suitability of the equipment for rough operating conditions and in the optimization of the measuring system regarding the integration into industrial manufacturing plants (interfaces, automation functionalities etc.).

Up-to-date already the measuring instruments run in the test operation directly in the industrial plant at two customers. One system is used for the monitoring of a sweetener extraction process. The test operation already led to the fact that the system was ordered. At the second customer, where the system is used for the in line analysis of a paper coating runs the test operation still to January 2007. The projects were realized together with the Upper Austrian Research GmbH.

# REGINS SUB-PROJECT OVERVIEW



Automotive



Biotechnology



Logistics

The following table gives an overview about all REGINS projects and its participants. Personal contact datas can be found on our homepage <http://www.regins.org>. The background colours refer to the thematic field.

REGINS Sub-Project Title	Name of Sub-Project Participant
K-TASS	TIC Technology and Innovation Center Steyr
K-TASS	Institute for Applied Research of the Nürtingen University of Applied Sciences
CARBIKE	TIC Technology and Innovation Center Steyr
CARBIKE	Competence and Innovation Centre Fuel Cell of the Stuttgart Region e.V.
CARBIKE	Politecnico of Milan
CARBIKE	University of Stuttgart - Institute of Energy Economics and the rationale Use of Energy
CATIA	Generator Alapitvany
CATIA	Gottlieb-Daimler-Schule
ALFA	ANTRO Kht.
ALFA	Virtual Dimension Center Fellbach (VDC)
MIRPS	Upper Austrian Research
MIRPS	Fraunhofer Institute for Chemical Technology (ICT)
LOGGER	Fraunhofer Institute for Manufacturing Engineering and Automation (IPA)
LOGGER	University of Applied Sciences Steyr
BIOCDM	Politecnico of Milan
BIOCDM	University of Milan, Dipartimento di Scienze Farmacologiche
BIOCDM	University of Milan, Dipartimento di Biotecnologie e Bioscienze
BIOCDM	University fo Applied Sciences Wels
REGINSlog	Competence Centre Logistics Kornwestheim - KLOK
REGINSlog	IReR - Regional Institute of Research of Lombardy
PREDIMOT	Kepler University of Linz
PREDIMOT	University of Heidelberg - Interdisciplinary Center for Scientific Computing
PREDIMOT	University of Stuttgart - Institute for Systems Theory in Engineering
PREDIMOT	Politecnico of Milan
SAFEBIKE	Kepler University of Linz
SAFEBIKE	Politecnico of Milan
SAFEBIKE	Szechenyi Istvan University
LOTO	Upper Austrian Research
LOTO	University of Tübingen - Institute for Astronomy and Astrophysics
LOTO	University of Pavia
DITICE	University of Bergamo
DITICE	University of Stuttgart - Institut of Aerospace Thermodynamics
CELLSCREEN	German Cancer Research Centre (DKFZ)
CELLSCREEN	Fraunhofer Institute for Manufacturing Engineering and Automation
CELLSCREEN	Upper Austrian Research
MAAGYS	University of Applied Science Hagenberg
MAAGYS	University of Heidelberg
INBIO	University of Milano-Bicocca
INBIO	Kepler University of Linz

ReginsRFID	Competence Centre Logistics Kornwestheim - KLOK
ReginsRFID	University of Applied Sciences Steyr
ReginsRFID	Chamber of Commerce Stuttgart Region
ReginsRFID	Chamber of Commerce Varese
ReginsRFID	Szechenyi Istvan University
Fuel Upgrade	TIC Technology and Innovation Center Steyr
Fuel Upgrade	Fraunhofer Institute for Chemical Technology (ICT)
Fuel Upgrade	Szechenyi Istvan University
Psycar	Politecnico of Milan
Psycar	Kepler University of Linz
Shemet	Szechenyi Istvan University
Shemet	Universität Stuttgart
Inprop	Technical University of Milan - Department of Mechanical Engineering
Inprop	University of Stuttgart
Flexray	Mechatronic Cluster Goeppingen e.V.
Flexray	University of Applied Sciences Wels
Elie	Virtual Dimension Center Fellbach (VDC)
Elie	University of Applied Sciences Wels
Elie	Kepler University of Linz
Bong-Hy	Municipality of Brescia
Bong-Hy	University of Applied Sciences Wels
Bong-Hy	University of Applied Sciences Esslingen
Bong-Hy	Competence and Innovation Centre Fuel Cell of the Stuttgart Region e.V.
Fitness Check 3D / VR	Virtual Dimension Center Fellbach (VDC)
Fitness Check 3D / VR	University of Applied Sciences Wels
Fitness Check 3D / VR	Institut für Micro- and Informationtechnology of HSG
Fitness Check 3D / VR	Steinbeis Transfercenter Innovation and Organisation (STZio)
Simba	Insubria University - Department of Physics and Mathematics
Simba	University of Karlsruhe
Simba	Insubria University - Department of Functional and Structural Biology
Biocat	University of Pavia, Pharmaceutical Biocatalysis Laboratories
Biocat	Kepler University of Linz
Biocat	University of Milan - Bicocca; Dept. Of Biotech and Bioscience
InterAge	Province of Brescia
InterAge	Province of Mantua
InterAge	Province of Cremona
InterAge	Szechenyi Istvan University
Log4Smes	University of Bergamo
Log4Smes	Fraunhofer Institute for Manufacturing Engineering and Automation
Log4Smes	Szechenyi Istvan University

**Please find detailed information on**

**<http://www.REGINS.org>**



## REGINS Sub-Project Institutional Level

The following charts give you a big picture of all participating institutions among the four REGINS partner regions Baden Württemberg, Lombardy Region, West Pannonia and Upper Austria. Personal contact datas can be found on our homepage <http://www.regins.org>.

### *Baden Württemberg Institutions in interregional cooperation projects*

- **University of Stuttgart**
  - Institute of Energy Economics and the Rationale Use of Energy
  - Institute for Systems Theory in Engineering
  - Institute for Conversion Technology
  - Institute for Thermodynamics in Aerospace
  - Institute for Technical and Numerical Mechanics
- **Fraunhofer**
  - Institute for Chemical Technology
  - Institute Manufacturing Engineering and Automation, IPA
- **University Heidelberg**
  - Interdisciplinary Center for Scientific Computing
- **University Tübingen**
  - Institute for Astronomy and Astrophysics Tübingen
- **University of Heidelberg**
  - Medical Faculty
- **University of Karlsruhe**
  - Faculty for Physics
- **German Cancer Research Centre**
- **Gottlieb-Daimler-School Technical Schoolcenter**
- **Institute for Applied Research Nürtingen**
- **Competence and Innovation Center Fuel Cell**
- **VDC – Virtual Dimension Center**
- **KLOK - Competence Centre Logistics Kornwestheim**
- **Mechatronic Cluster Goeppingen e.V.**
- **University of Applied Sciences Esslingen**
- **Institut for Micro- and Information Technics of HSG**
- **Steinbeis Transfercenter Innovation and Organisation**
- **Stuttgart Region- Chamber of Commerce**

### *Lombardy Region Institutions in interregional cooperation projects*

- **Politecnico di Milano**
  - Department of Energy Management
  - Department of Electronics and Information Technology
  - Department of Electronics and Computer Science
  - Department of Mechatronics
  - Department of Economics, Management and Ind. Engineering
- **University of Pavia**
  - Department of Computer Engineering and System Science
  - Pharmaceutical Biocatalysis Laboratories
- **University of Bergamo**
  - Department of Industrial Engineering
- **Technical University of Milan**
  - Department of Mechanical Engineering
- **University of Milan-Bicocca**
  - Department of Biotechnology and Biosciences
- **University of Milan**
  - Department of Pharmacological Sciences
- **Insubria University**
  - Department of Physics and Mathematics
  - Department of Functional and Structural Biology
- **Municipality of Brescia**
- **Province of Brescia**
- **Province of Mantua**
- **Province of Cremona**
- **IReR - Regional Institute of Research of Lombardy**
- **Varese - Chamber of Commerce**

## *West Pannon Institutions in interregional cooperation projects*

- *Foundation Generator*

- *ANTRO KHT.*

- *Széchenyi István University Győr*

- Department of Transportation and Mechanical Engineering
- Department of Global Economy
- Department of Logistics and Forwarding

## *Upper Austrian Institutions in interregional cooperation projects*

- *Johannes Kepler University Linz*

- Institute for Design and Control of Mechatronical Systems
- Institute for Mechatronics and Robotics
- Institute for Communications Engineering - WIN
- Institute for Organic Chemistry
- Institute for Biophysics

- *Upper Austrian Research Ltd.*

- Sensor Department
- Department for Medical Informatics
- Center for Biomedical Nanotechnology

- *TIC Steyr –*

*Technology & Innovation Center Steyr*

- *University of Applied Sciences Wels*

- Institute for Automation Engineering
- Institute for Eco-energy
- Institute for Innovation and Product Management
- Institute for Biotechnology

- *University of Applied Sciences Steyr*

- Institute for Process Management Health
- Institute for International Logistic Management

- *University of Applied Sciences Hagenberg*

- Institute for Bio- & Medical Informatics

**Detailed Sub-Project information and contact data on**

**<http://www.REGINS.org>**

## Regional News

### Bioforum 2006 in Lombardy

On September 20th the closing event for the biotech sub-projects has been organised by Cestec within the BIOFORUM fair in Milano.

Actors of the meeting were researchers and companies, Lombardy Region directors, managers of European biotech clusters, representatives of the Technology Platform For Sustainable Chemistry and a member of the Vienna Interreg Secretariat which presented the next Programming and the financing possibilities.

The idea underlying the event was to promote a coordinated activity on industrial biotechnologies, discussing project ideas and financing possibilities within the VII Framework Programme, and the new Framework-Programme on Competition and Innovation. The numbers related to the biotech filed demonstrate the success of the project: more than 1 million euro of co-financing activated, 14 European research centres involved, 7 research projects financed, 8 private companies, institutions and hospital centres involved.

In Lombardy Regins has mainly focussed the research on industrial biotech, on the cleaning of industrial processes thanks to enzymes that facilitate biocatalysis processes (3 projects - BIOCDM, INBIO, BIOCAT).

As to instruments for biosciences, Regins has financed projects related to biomedical imaging with digital cameras sensible to nuclear radiations (SIMBA) and MAAGYS, which wants to develop an integrated multianalyte assay, designed to replace in clinical gynaecology the common biological screening methods for viruses and micro-organisms; LOGGER is a project that wants to closely monitor the temperature of blood units during transport through a system containing a sensor unit with data storage which is attached at the blood unit, and a software interface for data processing. A completely different theme is studied by the CELLSCREEN project which deals with addressing of cells to surfaces.

Besides presenting the achieved results of the sub-projects, the conference wanted to highlight the importance of clusters for the support of an efficient relation between companies and research centres.

The situation of Lombardy Region is quite peculiar compared to the other Regins regions since we cannot speak about proper biotech cluster but rather of research poles and independent associations of companies. For this reason, invited speakers of the conference were representatives of biotech clusters from the Stuttgart Region and from Upper Austria, highlighting their experience as intermediaries between public and private, between research centres and companies.



The Austrian KMT (life science cluster Tyrol) is a clear example of how research centres work along with companies, providing the set-up, acquisition, carrying out and ongoing support of collective research projects in the field of Life Sciences; other example coming from the experience of KMT is bio.com.net II, the prolongation of a successful regional initiative of the 3 competence centres working together with the universities of Tyrol and the Tyrolean Future Foundation.

Another case of cluster activity is BIOREGIO STERN which promotes biotechnology in the public interest in the region comprising Stuttgart, Tübingen, Esslingen, Reutlingen and Neckar-Alb in Germany. Mr Kauer from BIOREGIO STERN presented three main activities: Economic development (settling companies, assisting start-ups, being a central point of contact for entrepreneurs), Publicity (press releases and web pages), Location marketing (exhibitions, podium discussions, lectures/talks and studies).

### Health Cluster Conference 2007

On September 27<sup>th</sup> 2006 the Health Cluster held its annual conference in Linz. 120 visitors – representatives of companies, R&D institutions and public authorities – attended in this event. The thematic focus was the future perspective of the field of medical technologies and life sciences.

The conference gave the opportunity getting ideas how to join the different life science markets. Speakers from different perspectives like hospital representatives, companies etc. stated the necessity of intensive cooperation among the players on regional, national and also European level.

REGINS was presented on a stand in the hall. The visitors were very interested in the



broad cooperation activities within the REGINS consortium. The various biotech projects were disseminated very well. Further information on [www.gesundheits-Cluster.at!!!](http://www.gesundheits-Cluster.at!!!)

### Events where REGINS will be promoted:

#### INNOREF MID TERM TRANSNATIONAL CONFERENCE November 17<sup>th</sup>, 2006 -

Sala dei Notari, Perugia Town Hall, Umbria, Italy

- Growing in a limited resource environment
- Innovation and Efficiency

<http://www.aur-innoref.it/>

#### New Horizons Graz - 4<sup>th</sup> Best Practice Conference in Austria, November 15<sup>th</sup> - 17<sup>th</sup> 2006

The conference aims at promoting exchange of experience and dissemination of best practice between authorities involved in the implementation on Structural Funds Programmes in Europe.

<http://www.best-practice-graz.at/>

## **INTERREG IIC Forum - Interregional partnerships working towards the Lisbon and Gothenburg objectives 15-16 Nov 2006 – Lille, France**

This INTERREG IIC Forum brings together the 160 INTERREG IIC operations that specialise in the Lisbon and Gothenburg themes: the knowledge economy, innovation, the environment and risk management. Interactive sessions will help Lead partners capitalise on their work in these fields and strengthen links between projects tackling similar problems. Participants will together analyse their achievements under INTERREG IIC, and see how other regional and local actors can benefit.

<http://www.interreg3c.net/>

## **REGINS External Mentoring**

### **THE ROLE OF PUBLIC AUTHORITIES IN GOODS MOBILITY**

This External Mentoring workshop took place at the premises of Verband Region Stuttgart in **Stuttgart on 29th /30th June 2006**. It was hosted by Stuttgart Region Economic Development Corporation (WRS). The workshop was coordinated by KLOK Competence Centre Logistics Kornwestheim. The participants discussed about the following of the hosting region:

- The role of the regional public services and actions in goods mobility
- The institutional frame
- The regional logistics situation
- Problems and solutions

Almost 30 representatives of three different European regions (Baden Württemberg, Lombardy Region, West Hungary) exchanged their specific experience towards the defined matters. They lead intensive discussion about various approaches finding suitable solutions for different cases.

All in all the concept and tool of External Mentoring strongly contributes to transfer importance knowledge and experience across different European countries and regions.

## **REGINS Evaluation**

In order to learn more about the impressions of our inter-regional Sub-Projects and participants in general, the preparation and implementation phase as well as the results of sub-project(s), the REGINS Operation has to evaluate all Sub-Projects within the participating partner regions Upper Austria, Baden-Württemberg, Lombardy and West-Pannon.

Therefore, the REGINS consortium commissioned EXPLANANDUM GmbH to do the external evaluation for all sub-projects running in this Regional Framework Operation.

The evaluation will be done with the help of an online questionnaire. The aim is to examine different issues regarding the motivation and the development phase of the sub-project, the implementation phase of the project, the project closure, impact and results, the REGINS programme management as well as the participant's conclusions and impressions.

The composition of the questionnaire is built up in 6 sectors:

- MOTIVATION and DEVELOPMENT PHASE
- PROJECT IMPLEMENTATION PHASE (after approval of project proposal)
- PROJECT CLOSURE (if applicable)
- IMPACT and RESULTS
- REGINS PROGRAMME MANAGEMENT
- CONCLUSION

The results will be published on <http://www.regins.org> during December 2006!

For further information towards REGINS activities please  
contact the Regional Network Office in your Region!

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